

DART

DESIGN <i>KE</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>KE</i>	APPROVED <i>CP</i>	DRAWING NO. DSI 9055	REV. B SHEET 1 OF 2
DATE 99.01.19		TITLE OPTIONAL SUPPORT ADDITION	SCALE NTS
A	96.11.12	NEW ISSUE	
B	99.01.19	NOW REF'D AS -111A INSTALLATION PER TSR A843	

DART SERVICE INSTRUCTION

AMEND INSTALLATION DRAWING D350-591 REV. D

STA: SH92-6

STC: SH967NE

ADD INSTALLATION D350-591-111A AS FOLLOWS:

ADDITIONAL SUPPORT BRACKET D2362-3 MAY BE PLACED ON FORWARD CROSSTUBE FOR
ADDITIONAL STEP SUPPORT WITH LONG-HI STEP INSTALLATION.

Part No.	Description	-111A
D350-591-111A	LONG STEP INSTALLATION HI-SKID WITH ADDITIONAL SUPPORT	X
D350-591-111	LONG STEP INSTALLATION HI-SKID	1
D2171	CLAMP	2
D2182W035	CUSHION	2
D2274	CLAMP PAD	4
D2346	SPACER	4
D2362-3	SUPPORT BRACKET	1
AN4-20A	BOLT	4
AN960JD416	WASHER	4
MS21042L4	NUT	4

UPDATED WEIGHT AND BALANCE:

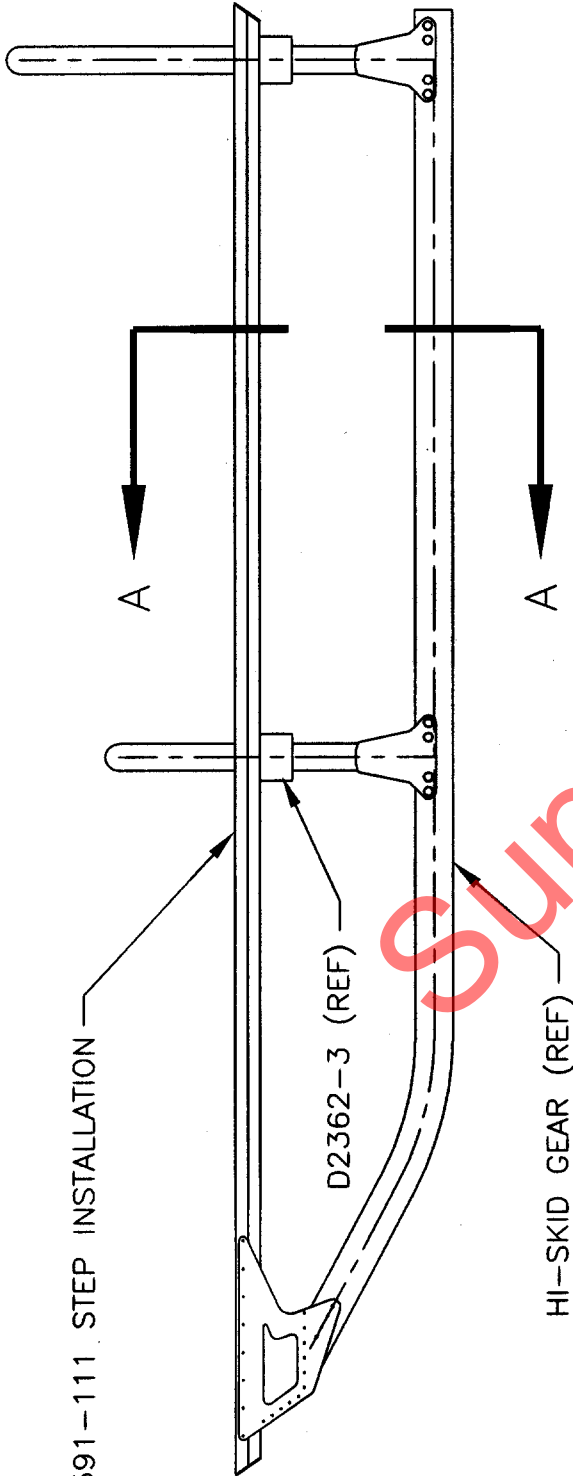
NOTE: SUBTRACT WEIGHT OF PARTS REMOVED

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-591-111A	15.6 lb 7.07 kg	38.0 in 0.97 m	592.8 in-lb 6.86 m-kG	115.0 in 2.92 m	1794.0 in-lb 20.64 m-kG

DART

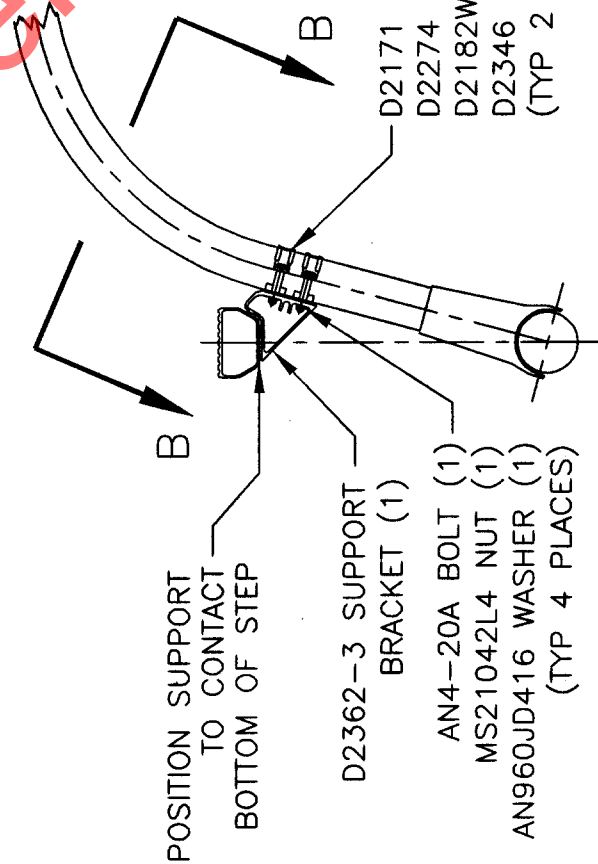
DESIGN HE	DRAWN BY UP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED HE	APPROVED JA	DRAWING NO. DSI 9055	REV. B SHEET 2 OF 2
DATE 99.01.19	TITLE OPTIONAL SUPPORT ADDITION		SCALE NTS

D350-591-111 STEP INSTALLATION



HI-SKID GEAR (REF)

D2362-3 (REF)



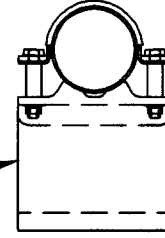
POSITION SUPPORT
TO CONTACT
BOTTOM OF STEP

D2362-3 SUPPORT
BRACKET (1)

AN4-20A BOLT (1)
MS21042L4 NUT (1)
AN960JD416 WASHER (1)
(TYP 4 PLACES)

D2171 CLAMP (1)
D2274 CLAMP PAD (2)
D2182W035 CUSHION (1)
D2346 SPACER (2)
(TYP 2 PLACES)

D2362-3 (REF)



SECTION A-A
NOT TO SCALE

SECTION B-B
NOT TO SCALE